PR

SAFETY DATA SHEET

Pro Form Products Ltd. 604 McGeachie Drive Milton, Ontario, L9T 3Y5 Canada 905-878-4990

PRODUCT: PF 127-2 REVOLUTION FINISHING PUTTY

FORM

SECTION 01: IDENTIFICATION

Initial supplier identifier	604 McGeachie Drive Milton. Ontario L9T3Y5
Draduat identifiar	Tel (905) 878-4990 Fax (905) 878-1189 PF 127-2 REVOLUTION FINISHING PUTTY
Recommended use and restrictions on	Automotive.
use	
Chemical family	Mixture.
NFPA rating	Health: 2 Fire: 3 Reactivity: 0.
HMIS	
24 hour emergency number:	For transportation emergencies (in Canada) call CANUTEC 1-888-226-8832 (CAN-UTEC);
	IN THE UNITED STATES CALL CHEMTREC 1-800-424-9300.
	** For medical emergencies contact your local poison control centre **.
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SECTION 02: HAZARD IDENTIFICATION



Signal Word	DANGER.
Hazard Classification	
	4. Respiratory Sensitizer — Category 1. Carcinogenicity — Category 1. Specific Target
Hazard Depariation	Organ Toxicity — Repeated Exposure — Category 1. H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters
Hazard Description	airways. H317 May cause an allergic skin reaction. H332 Harmful if inhaled. H334 May
	cause allergy or asthma symptoms or breathing difficulties if inhaled. H350 This product
	contains ingredients that may cause cancer. H372 Causes damage to organs through
	prolonged or repeated exposure.
Prevention	P201 Obtain special instructions before use. P202 Do not handle this product until all
	safety instructions have been read and understood. P210 Keep away from heat, sparks,
	open flames and hot surfaces. No smoking. P233 Keep container tightly closed. P240
	Ground and bond container and receiving equipment. P241 Use explosion proof
	equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against
	static discharge. P280 Wear protective gloves and eye protection. P260 Do not breathe mist, vapours, or spray. P271 Use only outdoors or in a well ventilated area. P284 In case
	of inadequate ventilation wear respiratory protection. P272 Contaminated work clothing
	should not be allowed out of the workplace. P264 Wash thoroughly after handling. P270 Do
	not eat drink or smoke while using this product.
Response	P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. P303 +
	P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse
	thoroughly with water and use safety shower . P302 + P352 - If on skin: wash with plenty of
	water. P333 + P313 If skin irritation or rash occurs, get medical advice/attention. P362 +
	P364 - Take off contaminated clothing and wash before reuse. P301 + P310 If swallowed
	IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P331 Do NOT induce vomiting. P304 + P340 - If inhaled remove person to fresh
	air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel
	unwell. P342 + P311 If experiencing respiratory symptoms; call poison center or doctor.
	P308 + P313 If exposed or concerned, get medical advice/attention. P321 - For specific
	treatment see section 4 on this SDS.
Storage	P403 + P235 Store in well ventilated area. Keep cool. P405 Store locked up.
Disposal	





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SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS			
CHEMICAL NAME AND SYNONYMS	CAS #	WT. %	
Styrene	100-42-5	17-21	
Talc	14807-96-6	15-25	
Titanium Dioxide	13463-67-7	1-3	
Crystalline silica	14808-60-7	<0.5	
2-Phenoxyethanol	122-99-6	0.1-1	
Tetrahydrophthalic acid anhydride	85-43-8	0.1-1	

SECTION 04: FIRST-AID MEASURES

Eve contact	In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at
2,0000000000000000000000000000000000000	least 15 minutes. Obtain medical attention.
Skin contact	Remove all contaminated clothing and immediately wash the exposed areas with copious amounts of water for a minimum of 30 minutes or up to 60 minutes for critical body areas. If irritation persists, seek medical attention.
Inhalation	
Ingestion	If ingestion is suspected, contact physician or poison control center immediately. If spontaneous vomiting occurs have victim lean forward with head down to prevent
Additional information	aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person. Treat victims symptomatically. In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable and unsuitable extinguishing media	"Alcohol" foam, CO2, dry chemical. Water fog.
Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products	Oxides of carbon (CO, CO2). Hydrocarbon fumes and smoke.
Special protective equipment and precautions for fire-fighters	Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture. Solvent vapours may be heavier than air and may build up and travel along the ground to an ignition source, which may result in a flash back to the source of the vapours.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak/spill...... Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. Evacuate all non-essential personnel. Spilled material and water rinses are classified as chemical waste, and must be disposed of in accordance with current local, provincial, state, and federal regulations. Absorb with earth, sand, or another dry inert material. Shovel into suitable unsealed containers, transport to well-ventilated area (outside) and treat with neutralizing solution: mixture of water (80%) with non-ionic surfactant Tergitol TMN-10 (20%); or water (90%), concentrated ammonia (3-8%) and detergent (2%). Prevent runoff into drains, sewers, and other waterways.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling	. Keep away from heat, sparks, and open flame. Ground handling equipment. Always add precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Avoid all skin contact and ventil adequately, otherwise wear an appropriate breathing apparatus. Employees should was hands and face before eating or drinking. Avoid breathing vapours or mist. Handle and open container with care.
Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store away from oxidizing and reducing materials. Store away from sunlight. Containers must be grounded.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION



PRODUCT: PF 127-2 REVOLUTION FINISHING PUTTY

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	AC TWA	GIH TLV STEL	OS PEL	HA PEL STEL	NIOSH REL
Styrene	20 ppm	40 ppm	100 ppm	Not established	100 ppm
	CA ON: 35ppm (T	WA), 100ppm (STEL)			
Talc	2 mg/m3	Not established	2 mg/m3 TWA	Not established	Not established
	CA ON: 2mg/kg (T	WA)			
Titanium Dioxide	10 mg/m3 CA ON: 10 mg/m3	Not established (TWA)	15 mg/m3	Not established	Not established
Crystalline silica	Not Established CA ON: 0.10 mg/n	Not Established n3 (Resp) TWA	Not Established	Not Established	Not Established
2-Phenoxyethanol	No data No data	No data	No data	No data	No data
Tetrahydrophthalic acid anhydride	Not established	Not established	Not established	Not established	Not established
Personal Protective Equipment Eye/type		Liquid chemical goggles Local exhaust ventilation when contaminant levels Chemical resistant glove Wear adequate protection Safety boots per local re Emergency showers and Provide natural or mech exposure limits. Local m contamination, such as gases and fumes that m ventilation (ie. ACGIH in adequate ventilation.	n is recommended. W s exceed the recommendes. ve clothes. egulations. d eye wash stations shanical ventilation to c nanical ventilation to c nechanical exhaust ve open process equipm ay be emitted. Standa	ended exposure limits. hould be available. ontrol exposure levels ntilation should be used ent, or during purging c ard reference sources r	below airborne d at sources of air operations, to capture egarding industrial

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state	White.
Colour	Hydrocarbon odour.
Odour threshold (ppm)	0.15-25 ppm (Styrene).
Vapour pressure (mm Hg)	4.5 mmHg @ 20C (styrene).
Vapour density (air=1)	3.6 (Styrene).
pH	Not applicable.
Relative Density (Specific Gravity)	1.07 - 8.944 lb/usg.
Melting / Freezing point (deg C)	Not available.
Solubility	Slightly soluble in water.
Initial boiling point / boiling range (deg C).	145°C.
Evaporation rate	Not available.
Flash point (deg C), method	31. (estimated).
Auto ignition temperature (deg C)	490°C.
Upper flammable limit (% vol)	6.8.
Lower flammable limit (% vol)	0.9.
Partition coefficient — n-octanol/water	Not available.
VOC (less water)	0.40 lbs/USG.

SECTION 10: STABILITY AND REACTIVITY

	Stable at normal temperatures and pressures. Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.
Possibility of hazardous reactions	Will not occur under normal temperature and pressure. At elevated temperature (>77 C);. Product can undergo hazardous polymerization. Polymerization can generate sufficient heat to cause violent explosion.
Conditions to avoid, including static discharge, shock or vibration	Keep away from heat. Incompatible with strong oxidizers. Organic peroxides.
Hazardous decomposition products	See hazardous combustion products section 5.

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SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Styrene	2770 ppm 4 hr rat	5000 mg/kg rat oral
Talc	Not available	Not available
Titanium Dioxide	>6.8 mg/L (4 hr)	> 10,000 mg/kg (rat, oral) > 10,000 mg/kg (rabbit, dermal)
Crystalline silica	Not Available	Not Available
2-Phenoxyethanol	No data	1260 mg/kg Oral Rat
Tetrahydrophthalic acid anhydride	No data	5410 mg/kg rat oral
Route of exposure Effects of acute exposure		
Effects of chronic exposure	Prolonged or repeated exposure may lead to allergic skin reactions. Prolonged or repeated exposure may result in an allergic respiratory reaction in sensitive individuals. This product contains crystalline silica. Excessive long-term exposure to crystalline silica may cause silicosis, a form of disabling, progressive and sometimes fatal fibrotic lung disease. Severe and permanent lung damage may result. Prolonged or repeated exposure may lead to kidney or central nervous system symptoms. May cause damage to the respiratory system,	
Sensitizing capability of material Carcinogenicity of material	lungs, eyes, skin and central nervous system. May cause sensitization by skin contact. May cause Styrene is classified by IARC as a Group 2B carcin by IARC in Group 1 as a carcinogen. IARC has clas carcinogen. This product contains non-asbestiform (not classifiable as to carcinogenicity to humans) by	ogen. Quartz (Crystalline Silica) is listed ssified Titanium Dioxide as a group 2B Talc, which is classified as a Group 3

SECTION 12: ECOLOGICAL INFORMATION

Environmental.....

..... Do not allow to enter waters, waste water or soil.

SECTION 13: DISPOSAL CONSIDERATIONS

Information on safe handling for disposal. En and methods of disposal, including any con contaminated packaging

Empty containers must be handled with care due to product residue. This material and its container must be disposed of as hazardous waste. Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

TDG Classification	
IATA Classification (Air) IMDG Classification (Marine)	criterial for Limited Quantity Exemptions when packaged in containers less than 5 litres . UN3269 - Polyester Resin Kit - Class 3 - Packing Group III. UN3269 - Polyester Resin Kit - Class 3 - Packing Group III - EmS: F-E S-D.
Marine Pollutant Proof of Classification	No. In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July 2, 2014) - we certify that classification of this product is correct.

SECTION 15: REGULATORY INFORMATION

WHMIS 1988 classification	B2. D2A. D2B.
CEPA status	A component of this product is not on the NDSL.
TSCA inventory status	All components are listed.
OSHA	This product is considered hazardous under the OSHA Hazard Communication Standard.
SARA Title III	
Section 302 - extremely hazardous	None
substances	
	Immediate health, delayed health, fire hazard.
Section 313 EPA hazardous air pollutants (HAPS)	Styrene. Styrene.
	Stylelle.
40CFR63	
California Proposition 65	*WARNING: This product contains a chemical known to the State of California to cause
	cancer. (Styrene). (Titanium dioxide - airborne, unbound particles of respirable size).

(Silica, crystalline (airborne particles of respirable size).



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SECTION 16: OTHER INFORMATION

Prepared by: Telephone number: Disclaimer:	DISCLAIMER: All information appearing herein is based upon data obtained from experience and recognized technical sources. To the best of our knowledge, it is believed to be correct as of the date of issue but we make no representations as to its accuracy or sufficiency and do not suggest or guarantee that any hazards listed herein are the only ones which exist. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product designated herein, and does not relate to its use in combination with any other material or in any other process. 2021-11-05.
Date of the latest revision of the safety data sheet	2017-04-19





SAFETY DATA SHEET

Pro Form Products Ltd. 604 McGeachie Drive Milton, Ontario, L9T 3Y5 Canada 905-878-4990

PRODUCT: BLUE CREAM HARDENER

SECTION 01: IDENTIFICATION

Initial supplier identifier	604 McGeachie Drive Milton. Ontario L9T3Y5
Product identifier	Tel (905) 878-4990 Fax (905) 878-1189 BLUE CREAM HARDENER
Recommended use and restrictions on	Accelerator and activator.
use	
Chemical family	Mixture
Chemical family NFPA rating	Health: 2 Fire: 1 Reactivity: 1.
HMIS	
	For transportation emergencies (in Canada) call CANUTEC 1-888-226-8832 (CAN-UTEC);
=	IN THE UNITED STATES CALL CHEMTREC 1-800-424-9300.
	** For medical emergencies contact your local poison control centre **.

SECTION 02: HAZARD IDENTIFICATION



Signal Word	WARNING. Organic Peroxides — Type E. Skin Sensitizer — Category 1. Eye Irritation — Category
	Organic Peroxides — Type E. Skin Sensitizer — Category 1. Eye Irritation — Category 2A.
Hazard Description	H242 Heating may cause a fire. H317 May cause an allergic skin reaction. H319 Causes serious eve irritation.
	P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P234 Keep only in original packaging. P235 Keep cool. P240 Ground and bond container and receiving equipment. P261 Avoid breathing mists, vapours and sprays. P264 Wash thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves and eye protection.
	P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. P305 + P351 + P338 If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing until medical help arrives. P337 + P313 - If eye irritation persists get medical attention. P302 + P352 - If on skin: wash with plenty of water. P362 + P364 - Take off contaminated clothing and wash before reuse. P333 + P313 If skin irritation or rash occurs, get medical advice/attention. P321 - For specific treatment see section 4 on this SDS.
	P403 Store in a well ventilated area. P410 Protect from sunlight. P411 Store at temperatures not exceeding 38°C / 100°F. P420 Store separately.
Disposal Note	P501 Dispose all unused, waste or empty containers in accordance with local regulations. This product mixture has been classified based on its ingredients.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS				
CHEMICAL NAME AND SYNONYMS CAS # WT. %				
Benzoyl peroxide	94-36-0	50-55		
C9-11-branched alkyl benzoate	131298-44-7	15-20		

SECTION 04: FIRST-AID MEASURES

Eye contact	In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at
Skin contact	least 15 minutes. Obtain medical attention. Immediately remove all contaminated clothing, flush skin with water for at least 15 minutes.
	Wash clothing before reuse. If irritation persists, seek medical attention. Wash skin with soap and water.



PRODUCT: BLUE CREAM HARDENER

SECTION 04: FIRST-AID MEASURES		
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.	
Ingestion	Do not induce vomiting. If ingestion is suspected, contact physician or poison control center immediately. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person.	
Most important symptoms and effects, whether acute or delayed	Can cause skin sensitization. Causes serious eye irritation.	
Additional information	Treat victims symptomatically. The main hazard from ingestion is aspiration of the liquid into the lungs producing chemical pneumonitis. In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet.	

SECTION 05: FIRE-FIGHTING MEASURES

Suitable and unsuitable extinguishing media	"Alcohol" foam, CO2, dry chemical. Do not use water in a jet.
Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products	Thermal decomposition products are toxic. May include:. Oxides of carbon (CO, CO2). Emits toxic fumes under fire conditions.
Special protective equipment and precautions for fire-fighters	Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture.
Unusual fire / explosion hazards	Vapours may be heavier than air. May travel long distances along the ground before igniting and flashing back to vapour source. This material is an oxidizer and may increase the intensity of any fire and the possibility of an explosion.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak/spill.....

Ventilate. Eliminate all sources of ignition. Isolate area and keep unauthorized people away. Do not walk through spilled material. Contain the spill. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material. Recover spilled material and place in suitable containers for recycling or disposal. Avoid solvent cleaners. Spilled material and water rinses are classified as chemical waste, and must be disposed of in accordance with current local, provincial, state, and federal regulations.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling	Keep away from heat, sparks, and open flame. Do not breathe vapours, mist or dust. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Handle in accordance with good industrial hygiene and safety practices. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Handle and open container with care. Employees should wash hands and face before eating or drinking.
Conditions for safe storage, including any incompatibilities	

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	CGIH TLV STEL	OSH PEL	IA PEL STEL	NIOSH REL
Benzoyl peroxide	5 mg/m3	Not Established	5 mg/m3	Not Established	5 mg/m3 TWA
C9-11-branched alkyl benzoate	No data				
Respiratory/type. Local exhaust ventilation when contaminant levels Eye/type. Liquid chemical goggles. Gloves/ type. Chemical resistant gloves Clothing/type. Wear adequate protective Footwear/type. Safety boots per local reg Other/type. Emergency showers and		exceed the recomme clothes. ulations. eye wash stations sh	nded exposure limits.		

ECIS

PRODUCT: BLUE CREAM HARDENER

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate engineering controls.....

contamination, such as open process equipment, or during purging operations, to capture gases and fumes that may be emitted. Standard reference sources regarding industrial ventilation (ie. ACGIH industrial ventilation) should be consulted for guidance about adequate ventilation.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

SECTION 10: STABILITY AND REACTIVITY

Stable at normal temperatures and pressures. Hazardous polymerization will not occur. Avoid heat, sparks and flames. Hazardous polymerization will not occur. Avoid heat, spark, open flames.

Hazardous decomposition products...... No

Strong oxidizing agents. Acids. No hazardous decomposition products when stored and handled correctly. See hazardous combustion products section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50		LD50
Benzoyl peroxide	>24.3 mg/L	(4 hr., vapour)	7710 mg/kg (Rat, Oral)
C9-11-branched alkyl benzoate	Not availabl	e	Not available
Route of exposure Effects of acute exposure			
Effects of chronic exposure Carcinogenicity of material Reproductive effects Sensitizing capability of material	 Prolonged or repeated skin contact may cause drying or cracking of skin. This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA. No data. 		

SECTION 12: ECOLOGICAL INFORMATION

Environmental.....

Do not allow to enter waters, waste water or soil. This material meets the definition of a marine pollutant.

Other adverse effects Persistence and degradability.....

... Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Information on safe handling for disposal . and methods of disposal, including any contaminated packaging Empty containers must be handled with care due to product residue. Dispose of as an industrial waste in a manner acceptable to good waste management practice and in accordance with applicable local, provincial/State or federal regulations.



PRODUCT: BLUE CREAM HARDENER

SECTION 14: TRANSPORT INFORMATION

TDG Classification	The product meets the Limited Quantity exemption when packaged in containers less than
DOT Classification (Road)	0.5 kg. UN3108 - ORGANIC PEROXIDE TYPE E, SOLID (Benzoyl peroxide), Class 5.2, PG II. Limited quantity: 0.5 kg (solids).
IATA Classification (Air)	UN3108 - ORGANIC PEROXIDE TYPE E, SOLID (Benzoyl peroxide), Class 5.2, PG II. Do
IMDG Classification (Marine)	not ship by air without checking appropriate IATA regulations. UN3108 - ORGANIC PEROXIDE TYPE E, SOLID (Benzoyl peroxide), Class 5.2, PG II. EmS-No: F-J, S-R. Check IMDG regulations for limited quantity exemptions.
Marine Pollutant Proof of Classification	Yes.

SECTION 15: REGULATORY INFORMATION

CEPA status TSCA inventory status OSHA	
SARA Title III Section 302 - extremely hazardous substances	None.
Section 311/312 - hazard categories Section 313	Benzoyl peroxide.
EPA hazardous air pollutants (HAPS) 40CFR63	None.
California Proposition 65	This product does not contain any chemical(s) known to the State of California to cause cancer or reproductive toxicity. For more information, go to www.P65Warnings.ca.gov.

SECTION 16: OTHER INFORMATION